

DOCKET NO.: 016907-1299

DCT係数

22 35

64

92

24

49

72

55

78

64

87

(b)

81

260	49	-16	5	2	4	0	1		16	4	2	0	0	0	0	0
-79	36	-2	-7	1	-3	-1	-2		-7	3	0	0	0	0		0
0	-8	3	-2	-2	1	5	1		0	-1	0	0	0	0		0
-8	-4	5	1	1	7	6	-2		-1	0	0		0	0	0	0
	-6	-1	-4	-4	-1	0	-1	\	0	0	0	0	0	0	0	0
-3	-2	-1	1	1	2	-5	-1		0	0	0	0	0	0	0	0
-4	1	1	0	0	-2	2	0		0	0	0	0	0	0	0	0
1	1	1	1	-1	1	0	0		0	0	0	0	0	0	0	0
(a)									(0	C)						
量子化	ヒテー	- ブル														
16	11	10	16	24	40	51	61									
12	12	14	19	26	58	60	55									
14	13	16	24	40	57	69	56									
14	17	22	29	51	87	80	62	Ш								
40	22	37	EC	60	100	400	77	l								
	-79 0 -8 -2 -3 -4 1 1 16 12 14	-79 36 0 -8 -8 -4 -2 -6 -3 -2 -4 1	-79 36 -2 0 -8 3 -8 -4 5 -2 -6 -1 -3 -2 -1 -4 1 1 1 1 1 1 1 1 2 子化テーブル 16 11 10 12 12 14 14 13 16 14 17 22	-79 36 -2 -7 0 -8 3 -2 -8 -4 5 1 -2 -6 -1 -4 -3 -2 -1 1 -4 1 1 0 1 1 1 1 1 ご子化テーブル 16 11 10 16 12 12 14 19 14 13 16 24 14 17 22 29	-79 36 -2 -7 1 0 -8 3 -2 -2 -8 -4 5 1 1 -2 -6 -1 -4 -4 -3 -2 -1 1 1 1 -4 1 1 0 0 1 1 1 1 1 1 -1 (a)	-79 36 -2 -7 1 -3 0 -8 3 -2 -2 1 -8 -4 5 1 1 7 -2 -6 -1 -4 -4 -1 -3 -2 -1 1 1 2 -4 1 1 0 0 -2 1 1 1 1 1 1 -1 1 (a)	-79 36 -2 -7 1 -3 -1 0 -8 3 -2 -2 1 5 -8 -4 5 1 1 7 6 -2 -6 -1 -4 -4 -1 0 -3 -2 -1 1 1 1 2 -5 -4 1 1 1 0 0 0 -2 2 1 1 1 1 1 1 1 1 1 1 0 0 0 -2 2 1 1 1 1 1 1 1 1 1 1 0 0 0 -2 2 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 -2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-79 36 -2 -7 1 -3 -1 -2 0 -8 3 -2 -2 1 5 1 -5 1 -8 -4 5 1 1 7 6 -2 -2 -6 -1 -4 -4 -1 0 -1 -3 -2 -2 -1 1 1 1 1 2 -5 -1 -4 1 1 1 0 0 -2 2 0 0 1 1 1 1 1 1 1 -1 1 0 0 0 -2 2 0 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0	-79 36 -2 -7 1 -3 -1 -2 0 -8 3 -2 -2 1 5 1 -8 -4 5 1 1 7 6 -2 -2 -6 -1 -4 -4 -1 0 -1 -3 -1 -2 -3 -2 -1 1 1 1 2 -5 -1 -4 1 1 0 0 0 -2 2 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 -2 2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0	-79 36 -2 -7 1 -3 -1 -2 -7 0 -8 3 -2 -2 1 5 1 -3 -1 -2 -7 0 -8 -4 5 1 1 7 6 -2 -1 -4 -4 -1 0 -1 -1 -1 0 0 0 -1 -1 -1 1 1 1 1 1	-79 36 -2 -7 1 -3 -1 -2 0 -7 3 0 -8 3 -2 -2 1 5 1 -1 -3 -1 -2 0 -1 -8 -4 5 1 1 7 6 -2 -2 -6 -1 -4 -4 -4 -1 0 -1 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-79 36 -2 -7 1 -3 -1 -2 0 -7 3 0 0 -8 3 -2 -2 1 5 1 0 -1 0 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0	-79 36 -2 -7 1 -3 -1 -2 0 -7 3 0 0 0 -8 3 -2 -2 1 5 1 5 1 0 -1 0 0 0 -1 0 0 0 -1 0 0 0 0 0 0 0	-79 36 -2 -7 1 -3 -1 -2 0 -1 0 0 0 0 0 0 0 -8 3 -2 -2 1 5 1 5 1 0 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-79 36 -2 -7 1 -3 -1 -2 0 -8 3 -2 -2 1 5 1 -3 -1 -2 0 -8 -4 5 1 1 7 6 -2 -2 -6 -1 -4 -4 -1 0 -1 -1 -1 1 0 0 0 0 0 0 0 0 0 0 0 0	-79 36 -2 -7 1 -3 -1 -2 0 -8 3 -2 -2 1 5 1 -3 -1 -2 0 -8 -4 5 1 1 7 6 -2 -2 -6 -1 -4 -4 -1 0 -1 -3 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

92

99

101

104 113

103 | 121 | 120

98 112 100 103

F I G. 2

DC係数の差分値のグループ化

グループ番号	DC差分值	付加ビット
0	0	0
1	-1, 1	1
2	-3, -2, 2, 3	2
3	-7~-4, 4~7	3
4	-15~-8, 8~15	4
5	-31~-16,16~31	5
6	-63~-32, 32~63	6
7	-127~-64, 64~127	7
8	-255~-128, 128~255	8
9	-511~-256, 2 <u>5</u> 6~511	9
10	-1023~-512, 512~1023	10
11	-2047~-1024, 1024~2047	11
12	-4095~-2048, 2048~4095	12
13	-8191~-4096, 4096~8191	13
14	-16383~-8192, 8192~16383	14
15	-32767~-16384, 16384~32767	15

ventor(s): Hirokazu SHODA et a DOCKET NO.: 016907-1299

グループ番号のための符号表

グループ番号	符号長	符号語
0	2	00
1	3	010
2	3	011
3	3	100
3 4 5 6	3	101
5	3	110
6	4	1110
7	5	11110
8	6	111110
9	7	1111110
10	8	11111110
11	9	111111110
12	10	1111111110
13	11	11111111110
14	12	111111111110
15	13	11111111111110

FIG.3B

AC係数の差分値のグループ化

グループ番号	DC差分值	付加ビット
0	0	0
1	-1, 1	1
2	-3, -2, 2, 3	2
3	-7~-4, 4~7	3
4	-15~-8, 8~15	4
5	-31~-16,16~31	5
6	-63~-32, 32~63	6
7	-127~-64, 64~127	7
8	-255~-128, 128~255	88
9	-511~-2 <u>5</u> 6, 2 <u>5</u> 6~511	9
10	-1023~-512, 512~1023	10
11	-2047~-1024, 1024~2047	11
12	-4095~-2048, 2048~4095	12
13	-8191~-4096, 4096~8191	13
14	-16383~-8192, 8192~16383	14
15	-32767~-16384, 16384~32767	15
16	32753	0

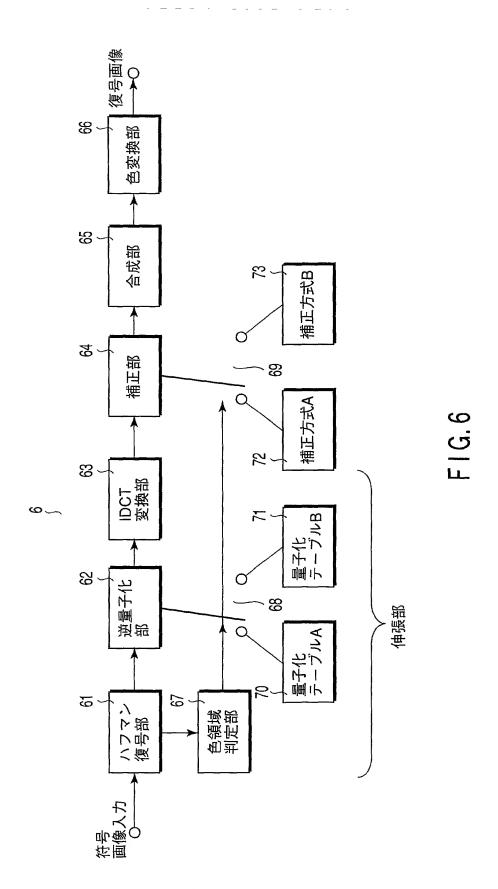
FIG.3C

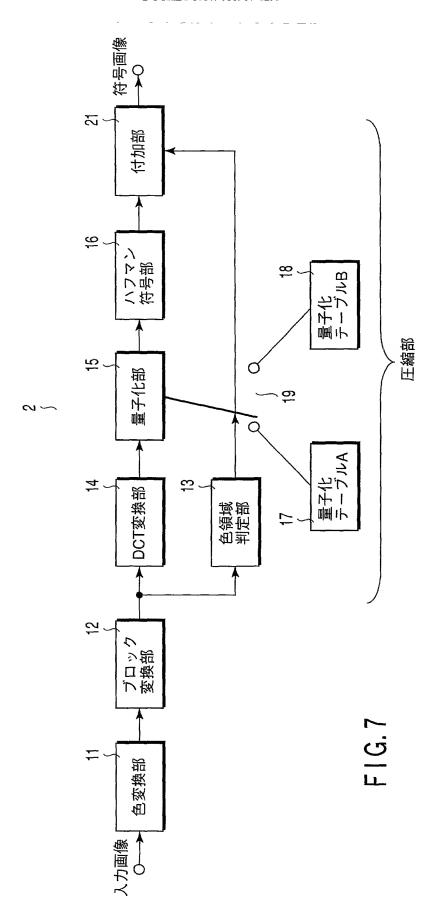
		グループ番号							
	·	0	1	2		14	15		
	0	0000	00010	00011					
	1	0100	01010	01011					
	2	1000							
色領域			個々の	グルーフ	プ番号と	色領域			
情報	İ		に符号	を割り当	行る	013734			
	i						·		
]	7								
	8								

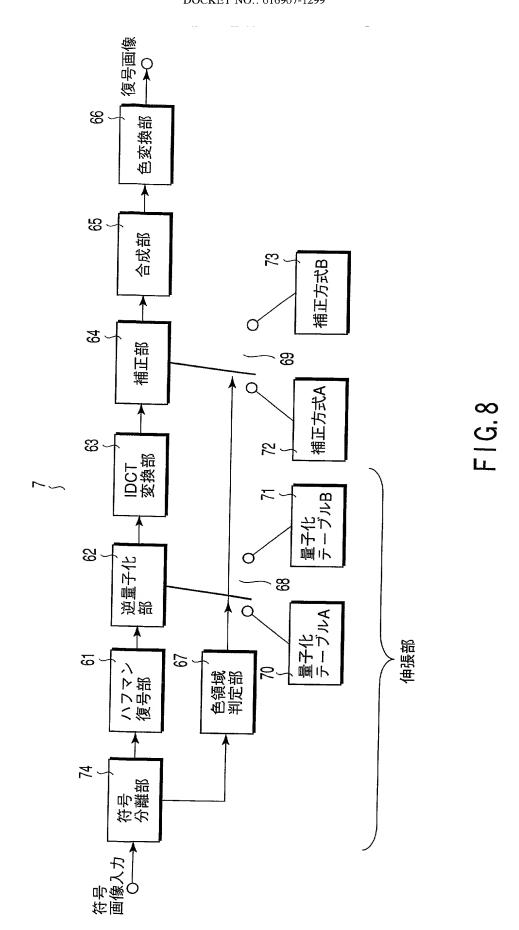
FIG.4

		グループ番号								
		0	1	2		14	15			
	0	EOB					1			
	1									
	2									
ラン長			ハフマ	ン符号書	別当て					
1										
	- '									
	14									
	15	ZRL								

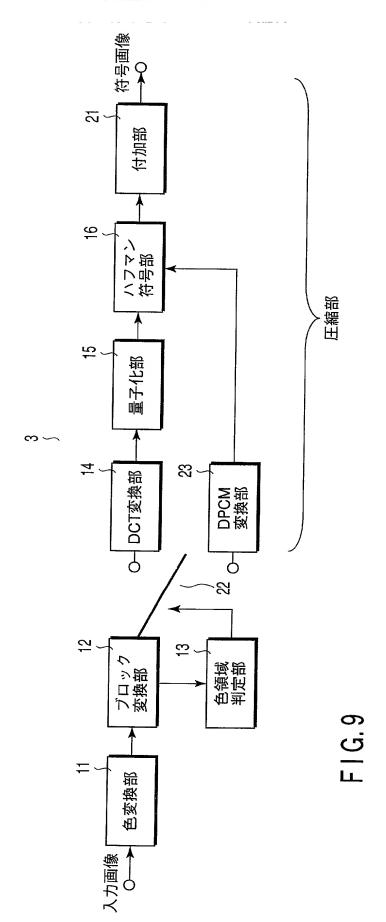
F1G. 5



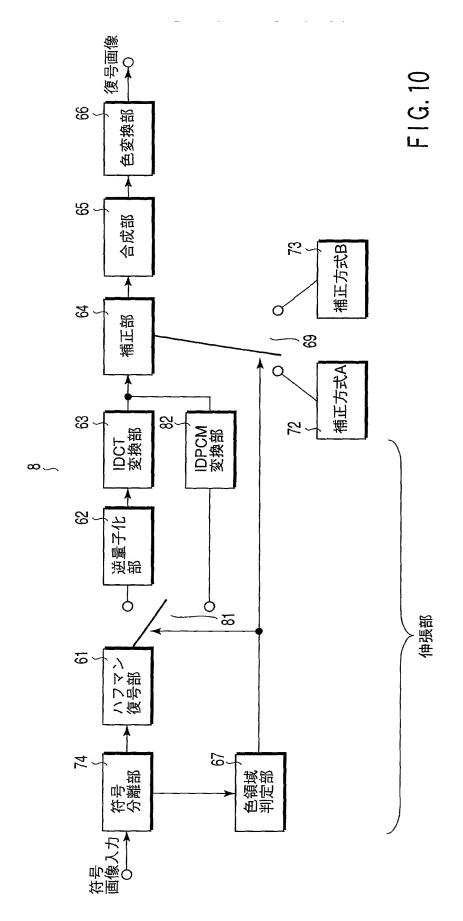




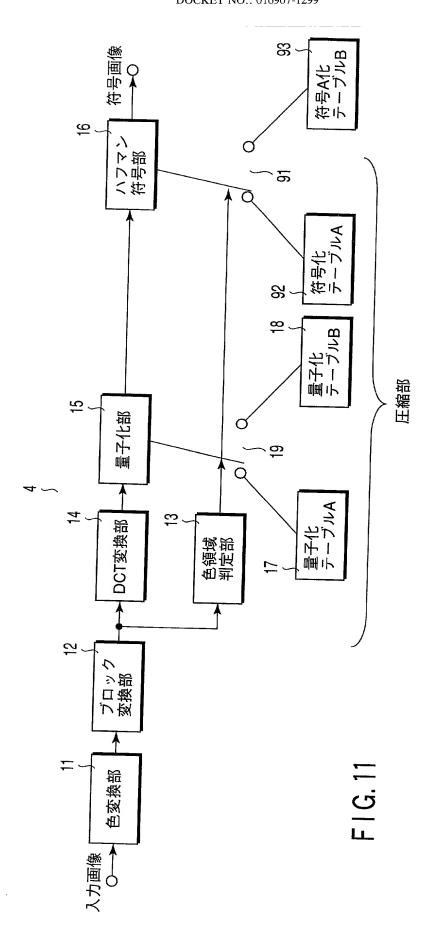
Title: IMAGE COMPRESSION APPARATUS, IMAGE DEPRESSION APPARATUS AND METHOD THEREOF Inventor(s): Hirokazu SHODA et al. DOCKET NO.: 016907-1299

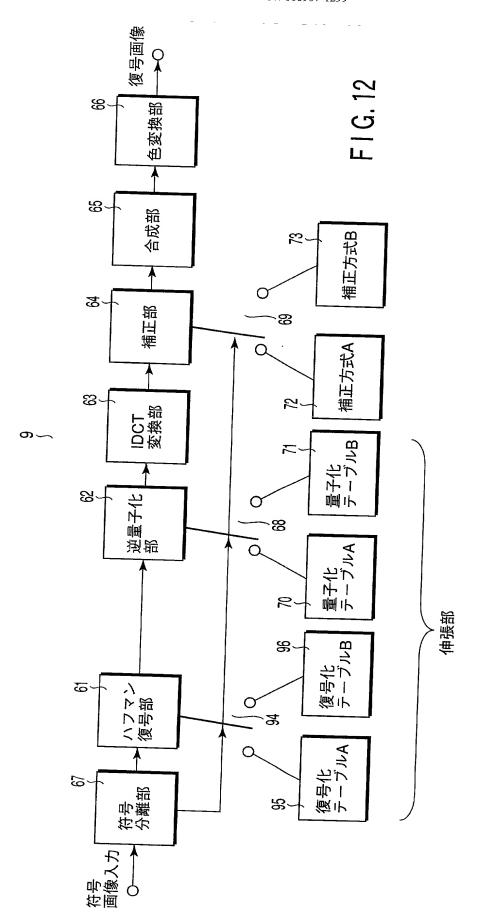


Title: IMAGE COMPRESSION APPARATUS, IMAGE DEPRESSION APPARATUS AND METHOD THEREOF Inventor(s): Hirokazu SHODA et al. DOCKET NO.: 016907-1299



Title: IMAGE COMPRESSION APPARATUS, IMAGE DEPRESSION APPARATUS AND METHOD THEREOF Inventor(s): Hirokazu SHODA et al. DOCKET NO.: 016907-1299





BOOMET NOW OTOSOV TESS

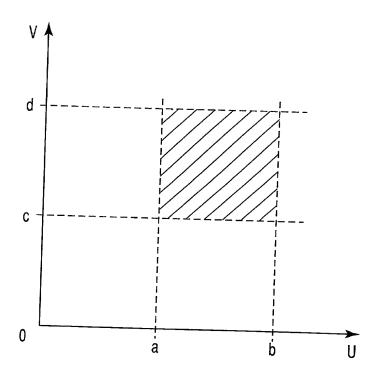


FIG. 13